



TOTAL INGENIEROS S.A.C

VENTAS, PROYECTOS, SERVICIOS EN INGENIERIA Y SISTEMAS DE REFRIGERACION



Fans

for transformer cooling
06/2017 edition

The Royal League in ventilation, control and drive technology

ZIEHL-ABEGG 

1. Product specification - Technical data

Article number	184710	
Type	ZN063-ZIQ.DG.V7P2	
Designation	ZAplus axial fan with sickle blades	
Rated values	3~200-240V 50/60Hz P11.15kW 3.60-3.00A 1200 min-1 60°C	
Electrical connection	Terminal box K07	
ErP Data	Efficiency η_{statA} : 58.2 % Efficiency grade: $N_{actual} = 64.3 / N_{target} = 40^*$ *ErP ErP 2015	
Type of protection	IP55	
Thermal class	THCL155	
Mounting type terminal box	Mounted on fan housing	
efficiency class	IE5	
Connection diagram	1360-422 KLK	
Rating plate	2x fixed	
Fitting position	H/Vu/Vo	
Motor protection	integrated active temperature management	
Impregnation	Moisture and hot climate protection	
Condensation	Condensation water hole(s) in rotor open	
Quality of bearings	ball bearing with long-time lubrication	
Material Rotor	Aluminum	
Painting rotor	Rotor 1 coat paint resistance class 1 (L-TI-0596)	
colour rotor	RAL 5002 (ultramarine blue)	
painting stator	Stator unpainted	
Material blades	High Performance Composite Material	
Painting blades	Blades unpainted	
Colour blades	black	
Labelling UL/VDE	E213826 ZB-155, MK116-0017	
Guard grille type	ring grill	
IO-function	BASIC-MODBUS	
Painting housing	Bell mouth unpainted	
Colour housing	black	
Painting safe. guard	Safety guard powder-coated resistance class 2 (L-TI-0585)	
Guard grill pre.side	Guard grill mounted on pressure side	
Operating manual	L-BAL-F078	
Weight	22.40	www.ziehl-abegg.com/bal
Min. operating temperature °C	-35°C***	kg

*** Operation mode:

Continuous operation with occasional starts (S1) according to DIN EN 60034-1:2011-02. Occasional starting between -35 °C and -13 °F / -25 °C is permissible. Continuous operation below -13 °F / -25 °C only with special bearings for refrigeration applications on request.

Permissible minimum and maximum ambient temperature for operation:

Please refer to the technical documentation of the product for the minimum and maximum ambient temperature valid for the respective fan. Operation below -25 °C as well as partial load operation for refrigeration applications is only possible with special bearings for refrigeration applications on request. If special bearings for refrigeration applications are installed in the fan, please observe the permissible maximum temperatures in the technical documentation of the product.

2. Characteristic Curve

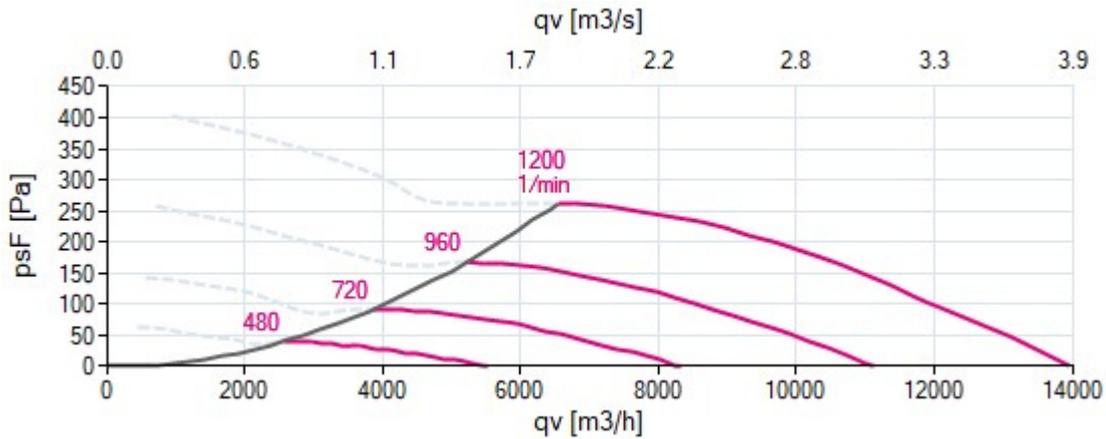
ZN063-ZIQ.DG.V7P2

Measured in ZAPLUS with pressure side guard grille in air flow direction V in installation type A according to ISO5801

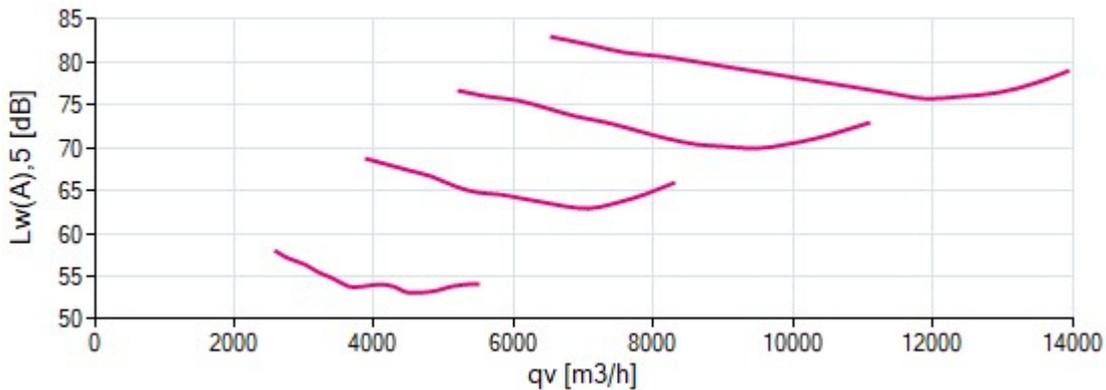
3~ 230V 60Hz

measurement density 1,16 kg/m³

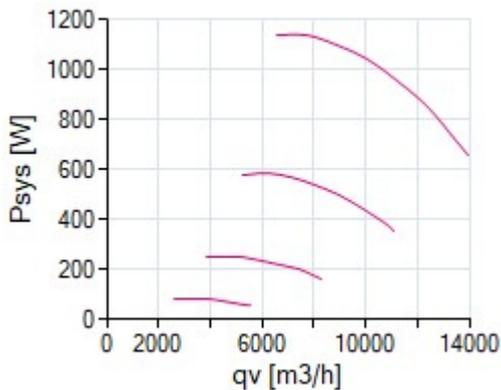
Air performance



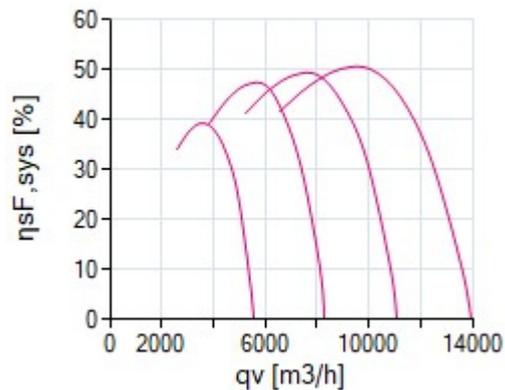
Acoustics



Power input



Efficiency



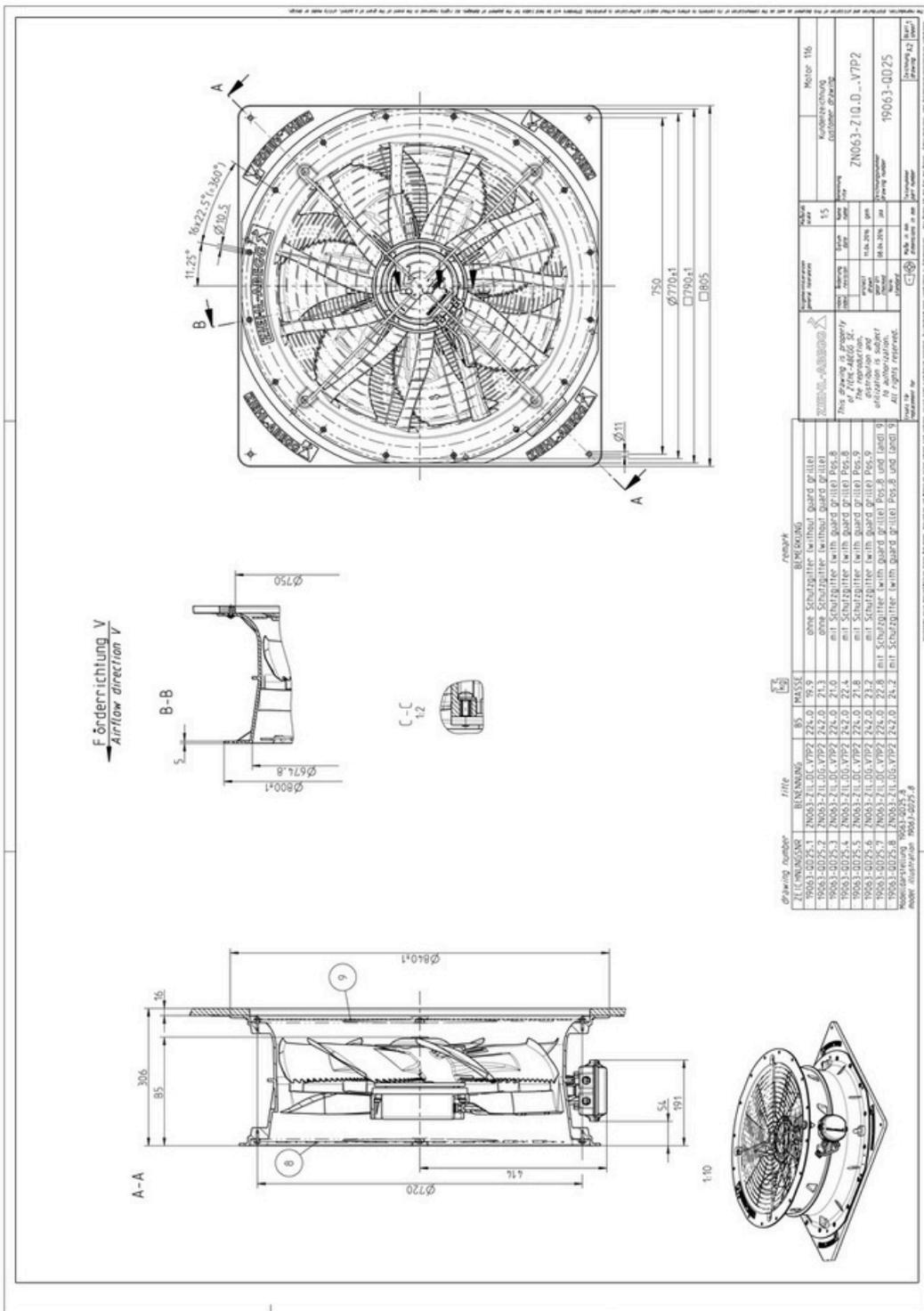
103363

Please note: It's not allowed to use this fan in the stall area!*

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*In doubt please ask your responsible ZIEHL-ABEGG sales contact.

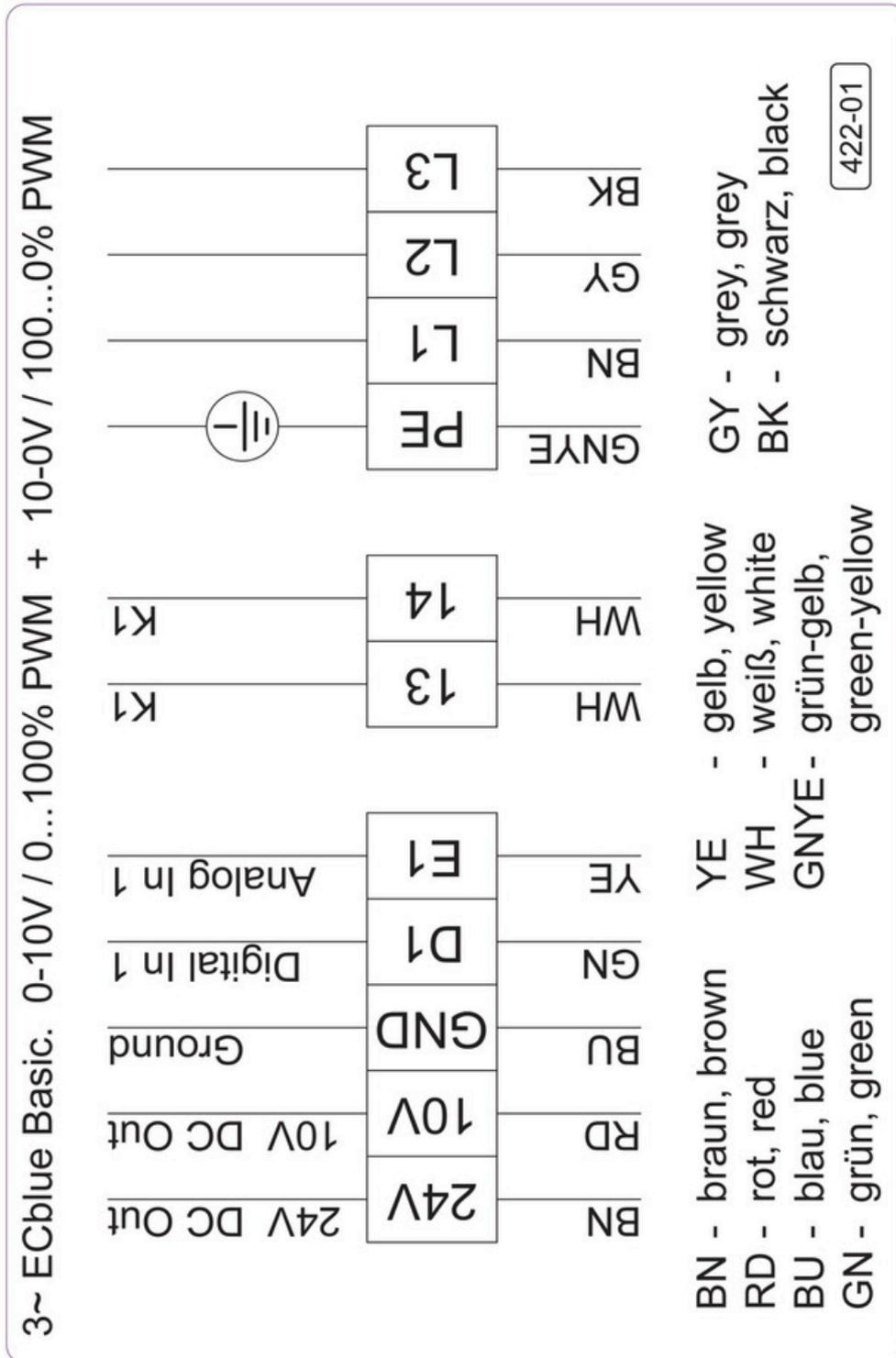
3. Drawing



Dimensions in mm

The illustrations shown make no claim to completeness and are for orientation purposes only.

4. Connection diagram



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Intelligent control technology for any application

ZIEHL-ABEGG system capabilities:

Everything from a single source – perfectly matched for optimal performance

Please contact us. We would be pleased to design an individual solution for your requirements.

We would like to welcome you on our worldwide exhibitions. Please find our next exhibitions [here](#).